

Refer to INNOVATOR REACH-IN GLASS DOOR INSTALLATION AND SERVICE *manual, P/N 0425683, for Innovator, Innovator I LE, or Innovator III door and frame replacement parts.*

to change or revise specifications and product design in connection with any feature of our products. Such changes do not entitle the buyer to corresponding changes, improvements, additions or replacements for equipment previously sold or shipped.

We reserve the right

Refrigeration and

electrical connections are on top. Overhead

piping and electrical

circuits are required.

Item	Part #	Description
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Fan A	ASSEMBLIES	AND THERMOSTATS	
(A)	Fan Asser	nbly	(1)
	0527610	Standard Energy Efficient Motor	
	0461805	Fan Blade	
(B)	0547083	Standard Non-adjustable	(2)
		Defrost Thermostat	
(C)		Optional Adjustable	
		Refrigeration Thermostat	(3)
(D)	0440423	Defrost Limit Thermostat	(4)
(E)	0547090	Relay Control Thermostat or	(5)
		Fan and Anti-sweat Heater	
		Thermostat (KG Only)	
RELA	YS		
(F)	0342598	Control Relay (120V Koolgas)	(6)
(G)	0342599	Control Relay (208V)	(7)

HEATERS

(H)	Electric I	Defros	st Heaters (208V)	(8)
	3015384	(1)	2 Door Models	
	3015385	(1)	3 Door Models	
	3015386	(1)	4 Door Models	
	3015387	(1)	5 Door Models	
(I)	Drain Pa	n Hea	ter (Electric & Koolgas) (120V)	(9)
	0452974	(1)	2 Door Models	
	0452975	(1)	3 Door Models	
	0452076	(1)	1 Door Models	

0452976 (1) 4 Door Models 0452977 (1) 5 Door Models

Data sheet-Reach-in RLTM

Note: Revision K: Updated wiring diagrams on page 6 and 7.

RLTM with



Refrigeration and electrical connections are on top. Overhead piping and electrical circuits are required.

PHYSICAL DATA

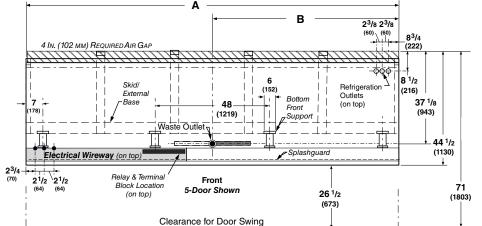
Merchandiser Drip Pipe (in.)1Merchandiser Liquid Line (in.)3/8Merchandiser Suction Line (in.)5/8

Tall Reach-In 2, 3, 4 & 5 Door

Dimensions shown as inches & (mm).

RLTM/RMTM - Plan View





5 Dr
153 ³ /8 (3896)
44 1/2 (1130)
41 3/4 (1060)
3 3/8 (86)
6 (152)
7 5/8 (194)
2 3/4 (70)
148 1/8 (3762)
32 (813)
62 (1575)
76 5/8 (1946)
37 1/8 (943)
13 (330)
1 (25)
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8 3/4 (222)
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8 ¹ 7 ¹

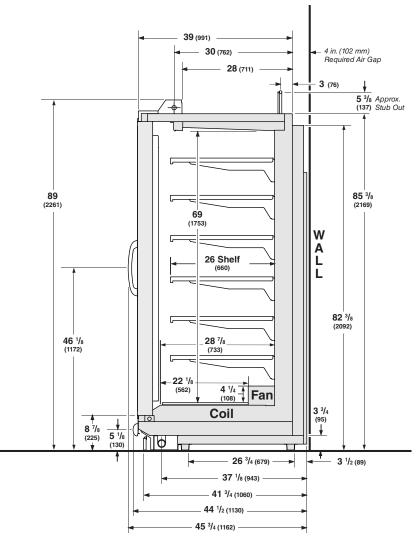
Tall Reach-in 2, 3, 4 and 5 Door Models



Hussmann refrigerated merchandisers configured for sale for use in the United States meet or surpass the requirements of the DOE 2017 energy efficiency standards.

Refrigeration and electrical connections are on top. Overhead piping and electrical circuits are required.

Dimensions shown as inches & (mm).



Estimate	d Charge ***		RLTM
2 Dr	2.3 lb	37 oz	1.0 kg
3 Dr	3.2 lb	51 oz	1.4 kg
4 Dr	4.1 lb	66 oz	1.8 kg
5 Dr	5.1 lb	82 oz	2.3 kg

***This is an average for all refrigerant types. Actual refrigerant charge may vary by approximately half a pound (8 oz / 0.2 kg).

NSF Certification

This merchandiser model is manufactured to meet NSF/ANSI (National Sanitation Foundation) Standard #7 requirements for construction, materials & cleanability.

RLTM With Innovator Doors Low Temperature

REFRIGERATION DATA§

Note: This data is based on store temperature and humidity that does not exceed 75°F and 55% R.H.

FF	IC	AHRI Bating*
		Rating*
-5	-12	-2
-9	-17	-7
-12	-20	-10
roller.		
1055	1150	950
1070	1170	980
1045	1140	950
1060	1160	980
	-5 -9 -12 roller. 1055 1070 1045	$\begin{array}{cccc} -5 & -12 \\ -9 & -17 \\ -12 & -20 \\ roller. \\ 1055 & 1150 \\ 1070 & 1170 \\ 1045 & 1140 \\ \end{array}$

§ Average evaporator temperature shown. Use dew point for high glide refrigerants for unit sizing. Care should be taken to use the dew point in PT tables for measuring and adjusting superheat. Adjust evaporator pressure as needed to maintain discharge air temperature shown.

DEFROST DATA

	FF	IC
Frequency (hr)	24	24
Defrost Water (lb/Dr/day)	1.2	1.3
(± 15% based on case conf	ïgura	tion and
product loading.)		

Electric	FF	IC
Temp Term (°F)	48°	48°
Failsafe (minutes)	50	50
GAS		
Duration (minutes)	22	22
OFFTIME	Not Recon	nmended

CONVENTIONAL CONTROLS

FF

Low Pressure Backup Control

IC

CI/CO (Temp °F)** -18°/-34° -26°/-45°

Indoor Unit Only, Pressure Defrost

Termination (Temp °F)**

Not Recommended **Use a Temperature Pressure Chart to determine PSIG conversions. With Innovator Doors

Low Temperature

Hussmann recommends against frame heater cycling with *Innovator* doors to prevent door seals from freezing to the frames and tearing.

Electrical Data

Number of Fans 2 3 4 5 Kauper 5 Kauper 5 Calor SDr SDr SDr SDr SDr L20V S0/60Hz SDr SDr <th colspa<="" th=""><th></th><th></th><th></th><th></th><th>2Dr</th><th>3Dr</th><th>4Dr</th><th>5Dr</th><th></th><th></th><th></th><th></th></th>	<th></th> <th></th> <th></th> <th></th> <th>2Dr</th> <th>3Dr</th> <th>4Dr</th> <th>5Dr</th> <th></th> <th></th> <th></th> <th></th>					2Dr	3Dr	4Dr	5Dr				
Low 2Dr 3Dr 4Dr 5Dr 2Dr 3Dr 4Dr 5Dr Energy Efficient E varuetor Fan 120V 50/60H2 Innovator 0.6 0.9 1.2 1.5 3.6 5.4 7.2 90 220V 50/60H2 Export Innovator 0.6 0.9 1.2 1.5 3.6 5.4 7.2 90 DOOR ANTI-Sector Innovator 0.6 0.9 1.2 1.6 3.6 5.4 7.2 90 DOOR ANTI-Sector Innovator 0.7 1.1 1.5 1.8 153 230 306 382 120V 50/60H2 Innovator III 0.7 1.1 1.5 1.8 153 230 306 382 120V 50/60H2 Innovator III 0.96 1.43 1.92 2.4 115 172 230 288 220V 50/60H2 Innovator 1.93 3.33 4.78 5.79 120 50/60H2 Innovator III Electric Defrost 2.95 4.85 6.9 8.71 1.5	Number o	f Fans			2	3	4	5		**7			
					20-			5 D-	20-			5 D-	
120V 50/60Hz Innovator 0.6 0.9 1.2 1.5 36 54 72 90 220V 50/60Hz Export Innovator 0.3 0.45 0.9 1.2 36 54 72 90 Dor Anti-sweat Heaters (on fan circuit) 120V 50/60Hz Export Innovator 0.7 1.1 1.5 1.8 153 230 306 382 120V 50/60Hz Innovator III 0.8 1.2 1.6 2.0 94 140 187 234 Frame Anti-sweat Heaters (on fan circuit) 120V 50/60Hz Innovator 0.5 0.8 1.1 1.3 115 172 230 288 220V 50/60Hz Export Innovator 0.5 0.8 1.1 1.3 115 172 230 288 220V 50/60Hz Export Innovator 3.7 5.85 8.28 10.46 220V 50/60Hz Innovator III Electric Defrost 1.93 3.33 4.78 5.79 120V 50/60Hz Exp	En onen E4	Ciatant Enan	anatan Ean		2Dr	3Dr	4Dr	5Dr	2Dr	3Dr	4Dr	5Dr	
220V 50/60Hz Export Innovator 0.3 0.45 0.9 1.2 36 54 72 90 Door Anti-sweat Heaters (on fan circuit) 120V 50/60Hz Export Innovator 1.4 2.0 2.7 3.4 162 244 325 406 220V 50/60Hz Export Innovator 0.7 1.1 1.5 1.8 153 230 306 382 120V 50/60Hz Export Innovator 0.8 1.2 1.6 2.0 94 140 187 230 Frame Anti-sweat Heaters (on fan circuit) 120V 50/60Hz Export Innovator 0.5 0.8 1.1 1.3 115 172 230 288 Minimum Circuit Ampactity 120V 50/60Hz Exp Innovator 3.7 5.85 8.28 10.46 220V 50/60Hz Exp Innovator Electric Defrost 1.93 3.33 4.78 5.79 120V 50/60Hz Exp Innovator III Electric Defrost 1.95 1.5 15 15		-			0.6	0.0	1.2	1.5	26	54	72	00	
Door Anti-sweat Heaters (on fan circuit) 120V 50/60Hz Inno-vator 1.4 2.0 2.7 3.4 162 244 325 406 220V 50/60Hz Export Innovator 0.7 1.1 1.5 1.8 153 230 306 382 120V 50/60Hz Innovator III 0.8 1.2 1.6 2.0 94 140 187 234 Frame Anti-sweat Heaters (on fan circuit) 110 1.00 1.43 1.92 2.4 115 172 230 288 220V 50/60Hz Innovator 0.5 0.8 1.1 1.3 115 172 230 288 Minimum Circuit Ampactity 120V 50/60Hz Innovator 3.7 5.85 8.28 10.46 200 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20				~ *									
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220V 50/60Hz Export Innovator III 0.7 1.1 1.5 1.8 153 230 306 382 120V 50/60Hz Innovator III 0.8 1.2 1.6 2.0 94 140 187 234 Frame Anti-sweat Heaters (on fan circuit) 120V 50/60Hz Innovator 0.96 1.43 1.92 2.4 115 172 230 288 220V 50/60Hz Export Innovator 0.5 0.8 1.1 1.3 115 172 230 288 Minimum Circuit Ampacity 120V 50/60Hz Innovator III Electric Defrost 1.93 3.33 4.78 5.79 1.046 1.02 1.01 1.05 1.95 2.90 3.54 Maximum Over Current Protection 120V 20 20 20 20 20 20 20 20 240 300 Maximum Over Current Protection 120V 20 20 20 20 20 20 20 20 20 20 20 20 3				reur()	14	2.0	27	34	162	244	325	406	
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120V 50/60Hz Innovator 0.96 1.43 1.92 2.4 115 172 230 288 220V 50/60Hz Export Innovator 0.5 0.8 1.1 1.3 115 172 230 288 Minimum Circuit Ampactity 120V 50/60Hz Innovator 3.7 5.85 8.28 10.46 220V 50/60Hz Exp Innovator Electric Defrost 1.93 3.33 4.78 5.79 120V 50/60Hz Innovator III Electric Defrost 2.95 4.85 6.9 8.71 220V 50/60Hz Exp Innovator III Electric Defrost 1.05 1.95 2.90 3.54 Maximum Over Current Protection 120V 20 20 20 20 Maximum Over Current Protection 220V 15 15 15 15 Defrost 220V 50/60Hz Standard 0.63 1.25 2.0 2.57 75 150 240 300 Electric Defrost Heater 20V 50/60Hz Standard				circuit)	0.0	1.2	1.0	2.0		110	107	231	
220V 50/60Hz Export Innovator 0.5 0.8 1.1 1.3 115 172 230 288 Minimum Circuit Amperity 120V 50/60Hz Innovator 3.7 5.85 8.28 10.46 220V 50/60Hz Exp Innovator Electric Defrost 1.93 3.33 4.78 5.79 120V 50/60Hz Innovator III Electric Defrost 2.95 4.85 6.9 8.71 220V 50/60Hz Exp Innovator III Electric Defrost 1.05 1.95 2.90 3.54 Maximum Over Current Protection 120V 20 20 20 20 20 Maximum Over Current Protection 220V 15 15 15 15 15 Defrost 20V 50/60Hz Standard 0.63 1.25 2.0 2.57 75 150 240 300 20V 50/60Hz Standard 0.63 1.25 2.0 2.57 75 150 240 300 20V 50/60Hz Standard 0.63 1.25 2.0 2.57					0.96	1.43	1.92	2.4	115	172	230	288	
Minimum Circuit Amprovements 120V 50/60Hz Innovator 3.7 5.85 8.28 10.46 220V 50/60Hz Exp Innovator Electric Defrost 1.93 3.33 4.78 5.79 120V 50/60Hz Innovator III Electric Defrost 2.95 4.85 6.9 8.71 220V 50/60Hz Exp Innovator III Electric Defrost 1.05 1.95 2.90 3.54 Maximum Over Current Protection 120V 20 20 20 20 20 Maximum Over Current Protection 220V 15 15 15 15 15 Defrost I20V 50/60Hz Standard 0.63 1.25 2.0 2.57 75 150 240 300 QUV 50/60Hz Standard 0.63 1.25 2.0 2.57 75 150 240 300 220V 50/60Hz Export 0.34 0.76 1.22 1.53 75 150 240 300 220V 50/60Hz Export 0.34				or					115	172	230		
220V 50/60Hz Exp Innovator Electric Defrost 1.93 3.33 4.78 5.79 120V 50/60Hz Innovator III Electric Defrost 2.95 4.85 6.9 8.71 220V 50/60Hz Exp Innovator III Electric Defrost 1.05 1.95 2.90 3.54 Maximum Over Current Protection 120V 20 20 20 20 Maximum Over Current Protection 220V 15 15 15 15 Defrost Drain Heaters (Koolgas or Electric) 220V 50/60Hz Standard 0.63 1.25 2.0 2.57 75 150 240 300 220V 50/60Hz Export 0.34 0.76 1.22 1.53 75 150 240 300 220V 50/60Hz Export 0.34 0.76 1.22 1.53 75 150 240 300 220V 50/60Hz Standard 6.72 10.08 13.46 16.82 1400 2100 2800 3500 208V 50/60Hz Expo		-	-										
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220V 50/60Hz Exp Innovator III Electric Defrost 1.05 1.95 2.90 3.54 Maximum Over Current Protection 120V 20 20 20 20 20 Maximum Over Current Protection 220V 15 15 15 15 Defrost Drain Heaters (Koolgas or Electric) 220V 50/60Hz Standard 0.63 1.25 2.0 2.57 75 150 240 300 220V 50/60Hz Export 0.34 0.76 1.22 1.53 75 150 240 300 Electric Defrost Heater 208V 50/60Hz Standard 6.72 10.08 13.46 16.82 1400 2100 2800 3500 208V 50/60Hz Export 7.11 10.66 14.24 17.79 1564 2345 3133 3914	220V	50/60Hz	Exp Innovato	r Electric Defrost	1.93	3.33	4.78	5.79					
Maximum Over Current Protection 120V 20 20 20 20 20 Maximum Over Current Protection 220V 15 15 15 15 15 Defrost Drain Heaters (Koolgas or Electric) 120V 50/60Hz Standard 0.63 1.25 2.0 2.57 75 150 240 300 220V 50/60Hz Export 0.34 0.76 1.22 1.53 75 150 240 300 Electric Defrost Heater	120V	50/60Hz	Innovator III	Electric Defrost	2.95	4.85	6.9	8.71					
Maximum Over Current Protection 220V 15 15 15 15 Defrost Drain Heaters (Koolgas or Electric) 120V 50/60Hz Standard 0.63 1.25 2.0 2.57 75 150 240 300 220V 50/60Hz Export 0.34 0.76 1.22 1.53 75 150 240 300 Electric Defrost Heater 208V 50/60Hz Standard 6.72 10.08 13.46 16.82 1400 2100 2800 3500 208V 50/60Hz Standard 6.72 10.08 13.46 16.82 1400 2100 2800 3500 200V 50/60Hz Export 7.11 10.66 14.24 17.79 1564 2345 3133 3914	220V	50/60Hz	Exp Innovato	r III Electric Defrost	1.05	1.95	2.90	3.54					
Maximum Over Current Protection 220V 15 15 15 15 Defrost Drain Heaters (Koolgas or Electric) 120V 50/60Hz Standard 0.63 1.25 2.0 2.57 75 150 240 300 220V 50/60Hz Export 0.34 0.76 1.22 1.53 75 150 240 300 Electric Defrost Heater 208V 50/60Hz Standard 6.72 10.08 13.46 16.82 1400 2100 2800 3500 208V 50/60Hz Standard 6.72 10.08 13.46 16.82 1400 2100 2800 3500 200V 50/60Hz Export 7.11 10.66 14.24 17.79 1564 2345 3133 3914													
Defrost Drain Heaters (Koolgas or Electric) 120V 50/60Hz Standard 0.63 1.25 2.0 2.57 75 150 240 300 220V 50/60Hz Export 0.34 0.76 1.22 1.53 75 150 240 300 Electric Defrost Heater 208V 50/60Hz Standard 6.72 10.08 13.46 16.82 1400 2100 2800 3500 208V 50/60Hz Export 7.11 10.66 14.24 17.79 1564 2345 3133 3914	Maximun	n Over Curr	ent Protectio	n 120V	20	20	20	20					
Drain Heaters (Koulgas or Electric) 120V 50/60Hz Standard 0.63 1.25 2.0 2.57 75 150 240 300 220V 50/60Hz Export 0.34 0.76 1.22 1.53 75 150 240 300 Electric Defrost Heater 208V 50/60Hz Standard 6.72 10.08 13.46 16.82 1400 2100 2800 3500 208V 50/60Hz Export 7.11 10.66 14.24 17.79 1564 2345 3133 3914	Maximun	n Over Curr	ent Protectio	n 220V	15	15	15	15					
Drain Heaters (Koulgas or Electric) 120V 50/60Hz Standard 0.63 1.25 2.0 2.57 75 150 240 300 220V 50/60Hz Export 0.34 0.76 1.22 1.53 75 150 240 300 Electric Defrost Heater 208V 50/60Hz Standard 6.72 10.08 13.46 16.82 1400 2100 2800 3500 208V 50/60Hz Export 7.11 10.66 14.24 17.79 1564 2345 3133 3914													
120V 50/60Hz Standard 0.63 1.25 2.0 2.57 75 150 240 300 220V 50/60Hz Export 0.34 0.76 1.22 1.53 75 150 240 300 Electric Defrost Heater 208V 50/60Hz Standard 6.72 10.08 13.46 16.82 1400 2100 2800 3500 220V 50/60Hz Export 7.11 10.66 14.24 17.79 1564 2345 3133 3914	Defrost												
220V 50/60Hz Export 0.34 0.76 1.22 1.53 75 150 240 300 Electric Defrost Heater 208V 50/60Hz Standard 6.72 10.08 13.46 16.82 1400 2100 2800 3500 220V 50/60Hz Export 7.11 10.66 14.24 17.79 1564 2345 3133 3914	Drain I	Heaters (Ko	olgas or Elec	tric)									
Electric Defrost Heater 208V 50/60Hz Standard 6.72 10.08 13.46 16.82 1400 2100 2800 3500 220V 50/60Hz Export 7.11 10.66 14.24 17.79 1564 2345 3133 3914		120V	50/60Hz	Standard	0.63	1.25	2.0	2.57	75	150	240	300	
208V 50/60Hz Standard 6.72 10.08 13.46 16.82 1400 2100 2800 3500 220V 50/60Hz Export 7.11 10.66 14.24 17.79 1564 2345 3133 3914 ONLY LIGHTING CONFIGURATIONS THAT ARE COMPLIANT WITH THE U.S. DEPT. OF ENERGY (DOE) 2017 REGULATION ARE AVAILABLE FOR SALE		220V	50/60Hz	Export	0.34	0.76	1.22	1.53	75	150	240	300	
220V50/60HzExport7.1110.6614.2417.791564234531333914ONLY LIGHTING CONFIGURATIONS THAT ARE COMPLIANT WITH THE U.S. DEPT. OF ENERGY (DOE) 2017 REGULATION ARE AVAILABLE FOR SALE	Electric	e Defrost He	eater										
ONLY LIGHTING CONFIGURATIONS THAT ARE COMPLIANT WITH THE U.S. DEPT. OF ENERGY (DOE) 2017 REGULATION ARE AVAILABLE FOR SALE		208V	50/60Hz	Standard	6.72	10.08	13.46	16.82	1400	2100	2800	3500	
		220V	50/60Hz	Export	7.11	10.66	14.24	17.79	1564	2345	3133	3914	
FOR USE IN THE U.S.A.			URATIONS THA	AT ARE COMPLIANT	WITH THE	U.S. DEP	T. OF ENE	rgy (DOE) 2	2017 REGULAT	TION ARE A	VAILABLE	FOR SALE	
	FOR USE IN	THE U.S.A.											
Standard Vertical LED Lighting 2Dr 3Dr 4Dr 5Dr 2Dr 3Dr 4Dr 5Dr	Standard	Vertical LE	D Lighting		2Dr	3Dr	4Dr	5Dr	2Dr	3Dr	4Dr	5Dr	
Hussmann EcoShine II™ - A (120V) 0.35 0.53 0.71 0.89 42.5 63.8 85.1 106.4				· · · · · · · · · · · · · · · · · · ·	0.35	0.53	0.71	0.89	42.5	63.8	85.1	106.4	
Hussmann EcoShine II TM - A (220V Export) 0.19 0.29 0.39 0.48 42.5 63.8 85.1 106.4	Hussma	ann EcoShin	e II™ - A (22	0V Export)	0.19	0.29	0.39	0.48	42.5	63.8	85.1	106.4	
Optional Vertical LED Lighting	Optional	Vertical LEI	D Lighting										
Hussmann EcoShine IITM - B (120V) 0.36 0.52 0.68 0.84 43.2 62.3 81.4 100.5	-		0 0	20V)	0.36	0.52	0.68	0.84	43.2	62.3	81.4	100.5	
Hussmann EcoShine II TM - B (220V Export) 0.20 0.28 0.37 0.46 43.2 62.3 81.4 100.5				,									

Product Data

Recommended Usable Cube ¹ (Cu FtlDr)	34.44 ft ³ /Dr (0.98 m ³ /Dr)
AHRI Total Display Area ² (Sq FtlDr)	14.26 ft ² /Dr (1.32 m ² /Dr)
Shelf Area ³ (Sq FtlDr)	32.27 ft ² /Dr (3.00 m ² /Dr)

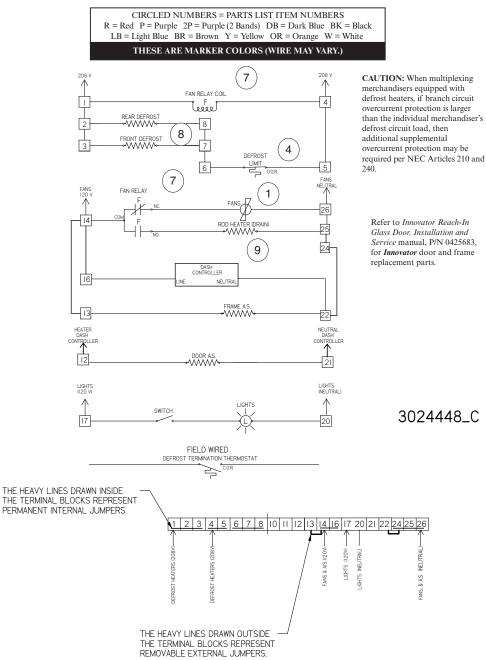
¹ AHRI Refrigerated Volume less shelving and other unusable space: Refrigerated Volume/Unit of Length, ft³/ft [m³/m]

² Computed using AHRI 1200 standard methodology: Total Display Area, ft² [m²]/Unit of Length, ft [m]

³ Shelf surface area is composed of bottom deck plus standard shelf complement, as shown in the Hussmann *Product Reference Guide*. The standard shelf complement for this model is (6) rows of 22-inch shelves.

ESTIMATED SHIPPING WEIGHT ⁴							
Case						Solid End	
	1 Dr	2 Dr	3 Dr	4 Dr	5 Dr	(each)	
lb (<i>kg</i>)	NA (NA)	926 (420)	1290 (585)	1637 (743)	2006 (910)	60 (27)	

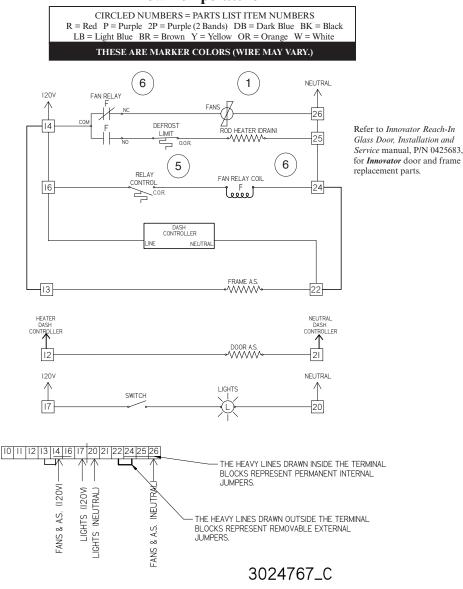
Fan and Heater Circuits - Electric Defrost (standard) Low Temperature



Electric Defrost Sequence - Low Temperature

- 1. Power from the defrost contactor energizes Defrost Heaters and 208V Evaporator Fan Relay Coil (7). Relay Contacts open the fan circuit and energizes the Drain Pan Heater.
- 2. If the Defrost Heater raises internal air temperature above 90°F, the Defrost Limit Thermostat (4) will open.
- 3. When Defrost Termination Thermostat ends defrost period, the defrost contactor opens the Defrost Heater and Evaporator Fan Relay Coil Circuits. The Drain Pan Heater goes off and fans are on.
- 4. Standard low temperature Reach In cases with Innovator I doors are shipped with the DASH controller for door antisweat heater control installed. Do not connect the DASH controller input to a centralized anti-sweat system. It must be connected to a continuous 120V circuit for proper operation.
- 5. If the case is connected to a centralized anti-sweat controller that meets DOE compliance requirements, the DASH controller is not installed on the case. Feed the 120V controller output into terminal #12.
- 6. Options may be installed that have additional or replacement wiring diagrams.
- 7. Reach In cases with Innovator III doors do not have the DASH controller.

Fan and Heater Circuits - Gas Defrost (optional) Low Temperature



Gas Defrost Sequence - Low Temperature

- 1. Defrost vapor enters evaporator causing a rise in temperature. At about 35°F the Control Relay Thermostat (5) closes the Fan Relay Coil (7) and Control Relay Coil (6) circuit. The Coil opens the Fan, Door Heater, and Frame Heater circuits, while energizing the Drain Pan Heater (9).
- 2. If the Drain Pan Heater (9) raises internal air temperature above 90°F, the Heater Limit Thermostat (4) will open.
- 3. When the defrost timer ends a defrost period, the evaporator temperature will start to fall. At about 20°F, the Control Relay Thermostat will open, de-energizing the Control Relay Coil and Fan Relay Coil (7). Control and Fan Relay's will open the Drain Pan Heater circuits, and will close the Fan, Door Heater, and Frame Heater circuits.
- 4. Standard low temperature Reach In cases with Innovator I doors are shipped with the DASH controller for door antisweat heater control installed. Do not connect the DASH controller input to a centralized anti-sweat system. It must be connected to a continuous 120V circuit for proper operation.
- 5. If the case is connected to a centralized anti-sweat controller that meets DOE compliance requirements, the DASH controller is not installed on the case. Feed the 120V controller output into terminal #12.
- 6. Options may be installed that have additional or replacement wiring diagrams.
- 7. Reach In cases with Innovator III doors do not have the DASH controller.